

# Topical skin adhesive products designed for effective wound closure



McKesson understands the challenges you face and is dedicated to providing quality, cost-effective solutions. Our exclusive brand of products offers a full line of dependable topical skin adhesive products.

## Why use topical skin adhesive?

Topical skin adhesives are less invasive and easier to apply than sutures, staples or tapes. As a result, they have increasingly become the wound closure method of choice. Ideal for use in a variety of settings, including outpatient medical centers, operating rooms and the emergency department, topical skin adhesives can be applied painlessly without the need for local anesthesia.<sup>1</sup>

We're confident that you'll find McKesson's exclusive brand of products to be the quality and value you want. Try us today and see for yourself why so many healthcare providers rely on us to help them meet their many challenges.

1. Dowson C, et al. Prospective, Randomized Controlled Trial Comparing n-Butyl Cyanoacrylate Tissue Adhesive (LiquiBand®) With Sutures for Skin Closure After Laparoscopic General Surgical Procedures. Surg Laparosc Endosc Percutan Tech. 2006 Jun;16(3):146-50.

# Strong and Secure Protection in Seconds: The McKesson LiquiBand® Advantage

Now available in three applicator styles:



**McKesson LiquiBand®**— a fast-drying butyl cyanoacrylate formulation for spreading a wider application of adhesive across the wound area



**McKesson LiquiBand® Flow Control**— a fast-drying butyl cyanoacrylate formulation for applying the adhesive precisely with no bubbling or waste of product



**McKesson LiquiBand® Flex™**— featuring an advanced octyl cyanoacrylate formulation for spreading a wider application of adhesive across the wound area



## Designed with patients and clinicians in mind

McKesson LiquiBand® products have been shown to provide increased comfort while decreasing the pain and trauma typically associated with wound closure.

### For patients:

- Can be applied without local anesthesia
- Does not sting
- Ability to shower immediately
- No need for unsightly wound dressings
- No return visit for suture or staple removal
- Helps to eliminate potential complications from adhesive tape burns and blisters

### For clinicians:

- Unique click-and-use winged applicator for safe ampoule break
- Controlled, low-pressure dispensing due to the ergonomic design
- Violet tint for easy visualization
- Sets in seconds
- Ambient temperature storage without the need for refrigeration
- Ready to use right out of the packaging

# McKesson LiquiBand® Flex™

## ORDERING INFORMATION

MFR # 122-2

ITEM # 805539

## FAST AND STRONG

- Features a strong octyl cyanoacrylate formulation
- Sets on wounds in less than 60 seconds

## ENHANCED PATIENT EXPERIENCE

- Low exothermic reaction—does not sting
- Naturally sloughs off within 10 days

## CONVENIENT AND EASY TO USE

- Unique click-and-use winged applicator for safe and easy activation
- Contains 0.8g of adhesive—60% more than the typical 0.5g offered by competitors
- Violet tint makes it easy to see during application
- Ambient storage—does not require refrigeration

## RECOMMENDED PRACTICES AND PROCEDURES

- Plastic surgery
- Orthopedic surgery
- Ob/Gyn procedures
- Cardio-Thoracic surgery
- Abdominal surgery
- Breast reconstruction
- Post-bariatric body contouring








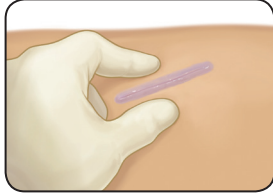
### Satisfaction Guaranteed

McKesson's exclusive brand of products may be returned for a full refund or credit.

# Application Guide

## How to apply LiquiBand® Flex™ Topical Skin Adhesive

LiquiBand® Flex™ topical skin adhesive has a unique, winged applicator which allows safe and easy activation, as well as accurate and controlled application of the adhesive. Following these simple instructions will ensure easy activation and proper application of the adhesive.

<p><b>STEP ONE:</b></p> <ul style="list-style-type: none"><li>• Clean and dry the wound thoroughly</li><li>• Check the wound and periphery for foreign bodies</li><li>• Ensure hemostasis has been achieved and the wound edges appose readily</li><li>• Remove the applicator from package using sterile technique</li></ul>		<p><b>STEP FOUR:</b></p> <ul style="list-style-type: none"><li>• Approximate the wound edges together</li></ul>	
<p><b>STEP TWO:</b></p> <ul style="list-style-type: none"><li>• Hold the applicator in one hand with the device pointed upward and away from the patient</li><li>• Squeeze the applicator wings to crack the glass ampoule inside</li><li>• You will hear a clicking sound as the glass is cracked</li></ul> <p><b>Do NOT point the applicator tip downward until ready to use. This will prevent unintentional squirting of the glue.</b></p>		<p><b>STEP FIVE:</b></p> <ul style="list-style-type: none"><li>• Gently squeeze the wings to disperse a thin, even layer of adhesive along the length of the wound*</li><li>• Use the wings and applicator to control the flow of glue</li></ul> <p>* If using on the eye area, adjust the patient's position. Use petroleum jelly to create a barrier close to the wound, and use surgical gauze to protect patient's eyes.</p> <p><b>Do NOT apply too much glue which will result in a thick, messy layer.</b></p>	
<p><b>STEP THREE:</b></p> <ul style="list-style-type: none"><li>• After cracking the ampoule, tilt the tip of the applicator downward</li><li>• Give the wings a few gentle pumps until the applicator tip turns violet</li><li>• The device is now ready to use</li></ul> <p><b>Do NOT squeeze the wings too hard which may force too much glue into the tip.</b></p>		<p><b>STEP SIX:</b></p> <ul style="list-style-type: none"><li>• Continue to hold the wound edges together for 45 - 60 seconds</li><li>• Apply a second layer and allow 60 seconds to dry</li></ul>	

Unless otherwise noted, the recommendations in this document were obtained from: Advanced Medical Solutions. Be advised that information contained herein is intended to serve as a useful reference for informational purposes only and is not complete clinical information. This information is intended for use only by competent healthcare professionals exercising judgement in providing care. McKesson cannot be held responsible for the continued currency of or for any errors or omissions on the information.

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# McKesson LiquiBand®

## ORDERING INFORMATION

MFR # 122-LQB

ITEM # 728086

## FAST AND STRONG

- Sets on wounds in 30 seconds or less
- Requires only one layer
- Features a fast-drying butyl cyanoacrylate formulation

## ENHANCED PATIENT EXPERIENCE

- Low exothermic reaction — does not sting

## CONVENIENT AND EASY TO USE

- Unique click-and-use winged applicator for safe and easy activation
- Ambient storage — does not require refrigeration

## RECOMMENDED PRACTICES AND PROCEDURES

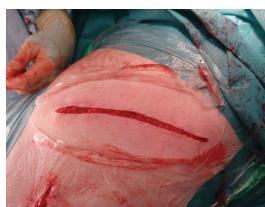
- Urgent Care
- Pediatrics
- Facial trauma
- Small plastic surgical incisions
- Dermatology
- Radiology
- Skin grafts



### Satisfaction Guaranteed

McKesson's exclusive brand of products may be returned for a full refund or credit.

**LiquiBand® proves strong, secure and durable in closing surgical incisions.**



**Day of surgery:** GS, A 46-year-old male smoker, was admitted for left ileo femoral bypass for claudication of the left leg. The abdominal incision measured 18cm in length.



**Day of surgery:** Deep layer resorbable sutures were placed prior to skin closure with LiquiBand® skin adhesive.



**Follow up, five months post surgery:** Despite the high tension position of the incision site, and the patient being a high frequency smoker, the incision site has healed well without complication.

# Application Guide

## How to apply LiquiBand® Topical Skin Adhesive

LiquiBand® topical skin adhesive has a unique, winged applicator which allows safe and easy activation, as well as accurate and controlled application of the adhesive. Following these simple instructions will ensure easy activation and proper application of the adhesive.

### STEP ONE:

- Clean and dry the wound thoroughly
- Check the wound and periphery for foreign bodies
- Ensure hemostasis has been achieved and the wound edges appose readily
- Remove the applicator from package using sterile technique



### STEP FOUR:

- Approximate the wound edges together



### STEP TWO:

- Hold the applicator in one hand with the device pointed upward and away from the patient
- Squeeze the applicator wings to crack the glass ampoule inside
- You will hear a clicking sound as the glass is cracked



### STEP FIVE:

- Gently squeeze the wings to disperse a thin, even layer of adhesive along the length of the wound\*
- Use the wings and applicator to control the flow of glue

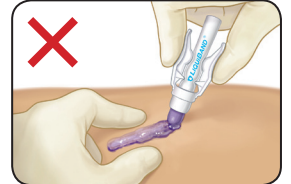


**Do NOT point the applicator tip downward until ready to use. This will prevent unintentional squirting of the glue.**



\* If using on the eye area, adjust the patient's position. Use petroleum jelly to create a barrier close to the wound, and use surgical gauze to protect patient's eyes.

**Do NOT apply too much glue which will result in a thick, messy layer.**



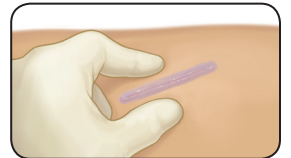
### STEP THREE:

- After cracking the ampoule, tilt the tip of the applicator downward
- Give the wings a few gentle pumps until the applicator tip turns violet
- The device is now ready to use



### STEP SIX:

- Continue to hold the wound edges together for 30 seconds
- Requires just ONE application layer



**Do NOT squeeze the wings too hard which may force too much glue into the tip.**



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# McKesson LiquiBand® Flow Control

## ORDERING INFORMATION

MFR # 122-LFC

ITEM # 728085

## FAST AND STRONG

- Sets on wounds in 30 seconds or less
- Requires only one layer
- Precise placement of glue
- Features a fast-drying butyl cyanoacrylate formulation

## ENHANCED PATIENT EXPERIENCE

- Low exothermic reaction—does not sting

## CONVENIENT AND EASY TO USE

- Unique click-and-use winged applicator for safe and easy activation
- Ambient storage—does not require refrigeration
- Flow control tip provides greater control, safer application and precise placement of the adhesive

## RECOMMENDED PRACTICES AND PROCEDURES

- Scalp lacerations
- Urgent Care
- Pediatrics
- Facial trauma
- Small plastic surgical incisions
- Dermatology
- Radiology
- Skin grafts



### ■ Satisfaction Guaranteed

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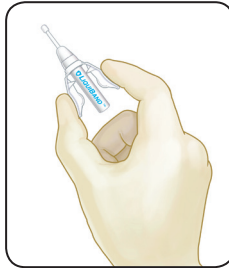
# Application Guide

## How to apply LiquiBand® Flow Control Topical Skin Adhesive

LiquiBand® Flow Control topical skin adhesive has a unique, winged applicator which allows safe and easy activation, as well as accurate and controlled application of the adhesive. Following these simple instructions will ensure easy activation and proper application of the adhesive.

### STEP ONE:

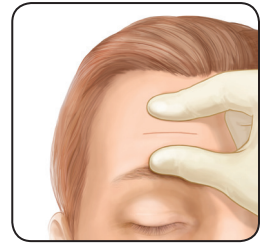
- Clean and dry the wound thoroughly
- Check the wound and periphery for foreign bodies
- Ensure hemostasis has been achieved and the wound edges appose readily
- Remove the applicator from package using sterile technique



### STEP FOUR:

- Approximate the wound edges together

\* If using in an area of dense natural hair growth, such as the scalp, separate the hair to expose as much of the wound as possible, and appose the wound edges.



### STEP TWO:

- Hold the applicator in one hand with the device pointed upward and away from the patient
- Squeeze the applicator wings to crack the glass ampoule inside
- You will hear a clicking sound as the glass is cracked



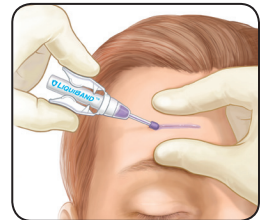
**Do NOT point the applicator downward until ready to use. This will prevent unintentional squirting of the glue**



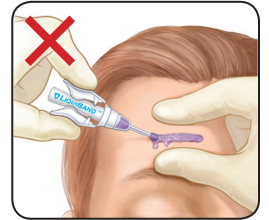
### STEP FIVE:

- Gently squeeze the wings to disperse a thin, even layer of adhesive along the length of the wound\*
- Use the wings and applicator to control the flow of glue

\* If using on the eye area, adjust the patient's position. Use petroleum jelly to create a barrier close to the wound, and use surgical gauze to protect patient's eyes.



**Do NOT apply too much glue which will result in a thick, messy layer.**

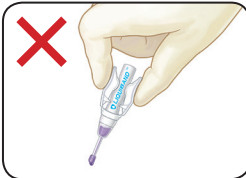


### STEP THREE:

- After cracking the ampoule, tilt the tip of the applicator downward
- Give the wings a few gentle pumps until the glue appears in the clear viewing dome, and the applicator tip turns violet
- The device is now ready to use

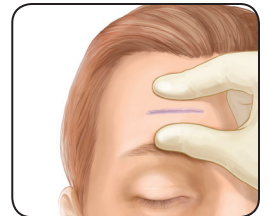


**Do NOT squeeze the wings too hard which may force too much glue into the tip**



### STEP SIX:

- Continue to hold the wound edges together for 30 seconds
- Requires just ONE application layer



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# PRODUCT COMPARISON CHARTS

## MCKESSON LIQUIBAND® FLEX™ PRODUCT COMPARISON CHART

	McKesson LiquiBand® Flex™	Competitor 1	Competitor 2
Usage	Medical	Medical	Medical
Toxicity	Non-toxic	Non-toxic	Non-toxic
Set Time	45-60 seconds	3 minutes	~90 seconds
Flexibility	High	High	High
Tensile Strength	17.8	16.5	15.2
Exothermic Reaction (stinging)	Mild	High*	Mild

\* To increase dry time, some octyl glue manufacturers use a chemical accelerant which will cause a exothermic reaction

## MCKESSON LIQUIBAND® & LIQUIBAND® FLOW CONTROL PRODUCT COMPARISON CHART

	McKesson LiquiBand® & LiquiBand® Flow Control	Competitor 1	Competitor 2
Usage	Medical	Medical	Medical
Toxicity	Non-toxic	Non-toxic	Non-toxic
Set Time	15-30 seconds	30 seconds	30 seconds
Flexibility	Low-Medium	Low-Medium	Low-Medium
Exothermic Reaction (stinging)	Mild	Mild	Mild

With McKesson's exclusive brand of products, you'll never have to compromise. We deliver quality products at competitive prices, backed by our 100% satisfaction guarantee. We have decades of experience in the market, and we offer you support and work to help ensure you have the products you need, when you need them—making it even easier for you to provide the best care for your patients.

■ **Satisfaction Guaranteed**

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